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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/801,417	03/07/2001	William J. Infosino	2000-0251A	2870

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Samuel H. Dworetsky
AT&T CORP.
P.O. Box 4110
Middletown, NJ 07748-4110

EXAMINER

IQBAL, KHAWAR

ART UNIT	PAPER NUMBER
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2686

DATE MAILED: 12/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/801,417

Applicant(s)

INFOSINO, WILLIAM J.

Examiner

Khawar Iqbal

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 18-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 18-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 18-22 rejected under 35 U.S.C. 103(a) as being unpatentable over Yacenda et al (5822418) and further in view of Borland et al (6246765).

3. Regarding claim 18 Yacenda et al teaches a method for restricting completion of a telephone call to permit said telephone call to be completed only when a required person is present, comprising the steps of (figs, 1,22):
periodically transmitting a unique signal (col.4, lines 4-10, col. 9, lines 1-21);
receiving said signal in a base station (col.4, lines 5-25, col. 7, lines 34-45);
processing said unique signal within the base station (col.4, lines 5-25, col. 7, lines 34-45); correlating said unique signal to a record in a base station database (col.4, lines 5-25, col. 7, lines 34-45); further correlating said record to a person (col.4, lines 5-25, col. 7, lines 34-65, col. 17, lines 30-40); recording a receipt of said signal in said record, recording a failure to receive said signal in said record (col.4, lines 5-25, col. 7, lines 34-65, col. 17, lines 30-40, col. 28, lines 1-38);
initiating a wire line telephone call to a local telephone network controller ;
uploading said base station database into a network database; disconnecting said telephone call to the local telephone network controller; maintaining a

Art Unit: 2686

database of at least one subscriber telephone numbers that have restrictions on outbound telephone calls (col.17, lines 30-45 and 48-60, col. 14, lines 52-54, col. 16, lines 5-15). Yacenda et al teaches the system includes a private branch exchange PBX (10), having a processing unit and several telephones (12,14,16) for enabling telephone communication between several users. A locator, which is connected to the telephone controller, provides location information. The locator comprises multiple portable badges engaged with the corresponding users and transmits badge information including an identification signal for identifying the user associated with the respective badge. Multiple transceivers (50,52,54) are provided, each of which is operatively connected to the PBX and receives the badge information transmitted from the badges. Each transceiver further electrically forwards a portion of the badge information to the processing unit, to determine location information of the users. A database stores the location information including an archival location data including last location and the time at the last location for each user. The archival location is accessible from any of the telephones. The locator is selectively accessed by the PBX, for retrieving the location information, from any of the telephones. The retrieved location information is transmitted to the selected telephone. One of several telephone functions for use in conjunction with the location information for communicating with a called user is selectively activated. Yacenda et al do not specifically teach maintaining, for each of said subscriber telephone numbers that have restrictions on outbound telephone calls, a list of at least one restricted outbound telephone numbers; receiving an outbound telephone call; checking

Art Unit: 2686

the network database to determine whether said outbound telephone call is from one of said subscriber telephone numbers that has restrictions on outbound telephone calls; checking the list of restricted outbound telephone numbers to determine whether a number being called may be completed only if at least one required person is present; checking a network database to determine whether said at least one required person is present; and permitting said outbound telephone call to be completed only if said at least one required person present.

In an analogous art, regarding claim 18 Borland et al teaches a database of at least one subscriber telephone numbers that have restrictions on outgoing telephone calls, and for each of said subscriber telephone numbers, a list of at least one restricted outbound telephone numbers, wherein an outbound telephone call from one of said subscriber telephone numbers to one of said restricted outbound telephone numbers can be completed only if a required person is at the giver location (col. 2, lines 15-42, col. 15, lines 20-65, col. 16, lines 25-65). Regarding claim 19 Borland et al teaches wherein the list of restricted outbound telephone numbers is maintained within the base station (col. 2, lines 15-42, col. 15, lines 20-65, col. 16, lines 25-65). Regarding claim 20 Borland et al teaches uploading said list of restricted outbound telephone number to the local telephone network controller whenever there is a change to said list of restricted outbound telephone numbers (col. 2, lines 15-42, col. 15, lines 20-65, col. 16, lines 25-65). Regarding claim 21 Borland et al teaches wherein the list of restricted outbound telephone numbers is maintained within the local telephone network controller (col. 2, lines 15-42, col. 15, lines 20-65, col. 16,

Art Unit: 2686

lines 25-65). Regarding claim 22 Borland et al teaches updating the list of restricted outbound telephone numbers by telephoning a customer service department within a local telephone network provider (col. 2, lines 15-42, col. 15, lines 20-65, col. 16, lines 25-65). Telephone usage information indicating permissible telephone usage, ID of registered user and permissible usage time constraint, are stored for each registered user. Series of dialing signal having call information with user ID and outgoing number are received and compared with usage information. The use of telephone is denied to user, if user violates permissible telephone usage time and ID constraint. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Yacenda et al by specifically provide restrictions on outgoing telephone calls in order to enhance security system with call management functionality for home owners performance the control function purpose of clean the household environment as taught by Borland et al.

4. Claims 23-24 rejected under 35 U.S.C. 103(a) as being unpatentable over Yacenda et al (5822418) and further in view of Borland et al (6246765) and Simon et al (20010050976).

5. Regarding claims 23,24 Yacenda et al and Borland et al do not specifically teach updating the list of restricted outbound telephone numbers by mail to a customer service department within a local telephone network provider and updating the list of restricted outbound telephone numbers by mail to a customer service department within a local telephone network provider.

Art Unit: 2686

In an analogous art, Simon et al teaches updating the list of restricted outbound telephone numbers by electronic mail (para. # 0030,0070-0073). Home security system integrated with telephone system and/or Internet has first communication port for connection to one of control signal I/O port of security controller for providing at least one communication function to user. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Yacenda et al and Borland et al by specifically adding feature E-mail in order to enhance improves the security of communications between the home and an external data network purpose of clean the household environment as taught by Simon et al.

6. Claims 25-35 rejected under 35 U.S.C. 103(a) as being unpatentable over Yacenda et al (5822418) and further in view of Simon et al (20010050976).

Regarding claim 25 Yacenda et al teaches a method for restricting completion of a telephone call to permit said telephone call to be completed only when a required person is present, comprising the steps of (figs. 1,22): periodically transmitting a unique signal (col.4, lines 4-10, col. 9, lines 1-21); receiving said signal in a base station (col.4, lines 4-14, col. 9, lines 1-21); processing said unique signal within the base station (col.4, lines 4-14, col. 9, lines 1-21); correlating said unique signal to a record in a base station database (col.4, lines 5-25, col. 7, lines 34-65, col. 17, lines 30-40); further correlating said record to said household member; recording a receipt of said signal in said record (col.4, lines 5-25, col. 7, lines 34-65, col. 17, lines 30-40); initiating a wire line telephone call to a local telephone network controller (col.4, lines 5-25, col. 7,

Art Unit: 2686

lines 34-65, col. 17, lines 30-40); uploading said base station database into a network database (col.4, lines 5-25, col. 7, lines 34-65, col. 17, lines 30-40); disconnecting said telephone call to the local telephone network controller(col.4, lines 5-25, col. 7, lines 34-65, col. 14, lines 35-39, col. 17, lines 30-40); maintaining a database of at least one subscriber telephone numbers that have restrictions on inbound telephone calls (col. 13, lines 16-65, col. 17, lines 15-65); maintaining, for each of said subscriber telephone numbers that have restrictions on inbound telephone calls, a list of at least one restricted inbound telephone numbers; receiving an inbound telephone call (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38); checking the network database to determine whether said inbound telephone call is to a subscriber telephone number that has restrictions on inbound telephone calls; checking the list of restricted inbound telephone numbers to determine whether said inbound telephone call to said subscriber telephone number being called may be completed only if at least one required person is present (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38); checking a network database to determine whether said at least one required person is present; and permitting said inbound telephone call to be completed only if said at least one required person is present (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38). Yacenda et al teaches, the locator comprises multiple portable badges engaged with the corresponding users and transmits badge information including an identification signal for identifying the user

Art Unit: 2686

associated with the respective badge. Multiple transceivers (50,52,54) are provided, each of which is operatively connected to the PBX and receives the badge information transmitted from the badges. Each transceiver further electrically forwards a portion of the badge information to the processing unit, to determine location information of the users. A database stores the location information including an archival location data including last location and the time at the last location for each user. The archival location is accessible from any of the telephones. The locator is selectively accessed by the PBX, for retrieving the location information, from any of the telephones. The retrieved location information is transmitted to the selected telephone. One of several telephone functions for use in conjunction with the location information for communicating with a called user is selectively activated. Yacenda et al do not specifically teach electronic mail.

In an analogous art, Simon et al teaches electronic mail (para. # 0030,0070-0073). Home security system integrated with telephone system and/or Internet has first communication port for connection to one of control signal I/O port of security controller for providing at least one communication function to user. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Yacenda et al by specifically adding feature E-mail in order to enhance improves the security of communications between the home and an external data network purpose of clean the household environment as taught by Simon et al.

Art Unit: 2686

Regarding claim 26 Yacenda et al teaches wherein the list of restricted inbound telephone numbers is maintained within the base station (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Regarding claim 27 Yacenda et al teaches further comprising the step of uploading said list of restricted inbound telephone numbers to the local telephone network controller whenever there is a change to said list of restricted inbound telephone numbers (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Regarding claim 28 Yacenda et al teaches wherein the list of restricted inbound telephone numbers is maintained within the local telephone network controller (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Regarding claim 29 Yacenda et al teaches updating the list of restricted outbound telephone numbers by telephoning a customer service department within a local telephone network provider (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Regarding claim 32 Yacenda et al teaches playing an announcement to a caller explaining that said inbound telephone call cannot be completed if said at least one required person is not present (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Regarding claim 33 Yacenda et al teaches returning to the caller a signal indicating that a telephone is ringing without being answered if said at Least one

Art Unit: 2686

required person is not present (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Regarding claim 34 Yacenda et al teaches automatically transferring a caller to a voice mailbox if said at least one required person is not present (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Regarding claim 35 Yacenda et al teaches transferring a caller to a predetermined alternative telephone number if said at least one required person is not present (col. 13, lines 16-65, col. 17, lines 15-65, col.4, lines 5-25, col. 7, lines 34-45,col. 26, lines 56-67,col. 28, lines 1-38).

Response to Amendment

7. Applicant's arguments with respect to claims 18-35 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAWAR IQBAL whose telephone number is 703-306-3015.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **BANKS-HAROLD, MARSHA**, can be reached at 703-305-4379.

Any response to this action should be mailed to:

Art Unit: 2686

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2684 only)


Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer

Service Office whose telephone number is (703) 306-0377.

Khawar Iqbal


RAFAEL PEREZ-GUTIERREZ
PATENT EXAMINER
11/29/04